0010010 EP1492260

FIG. 1

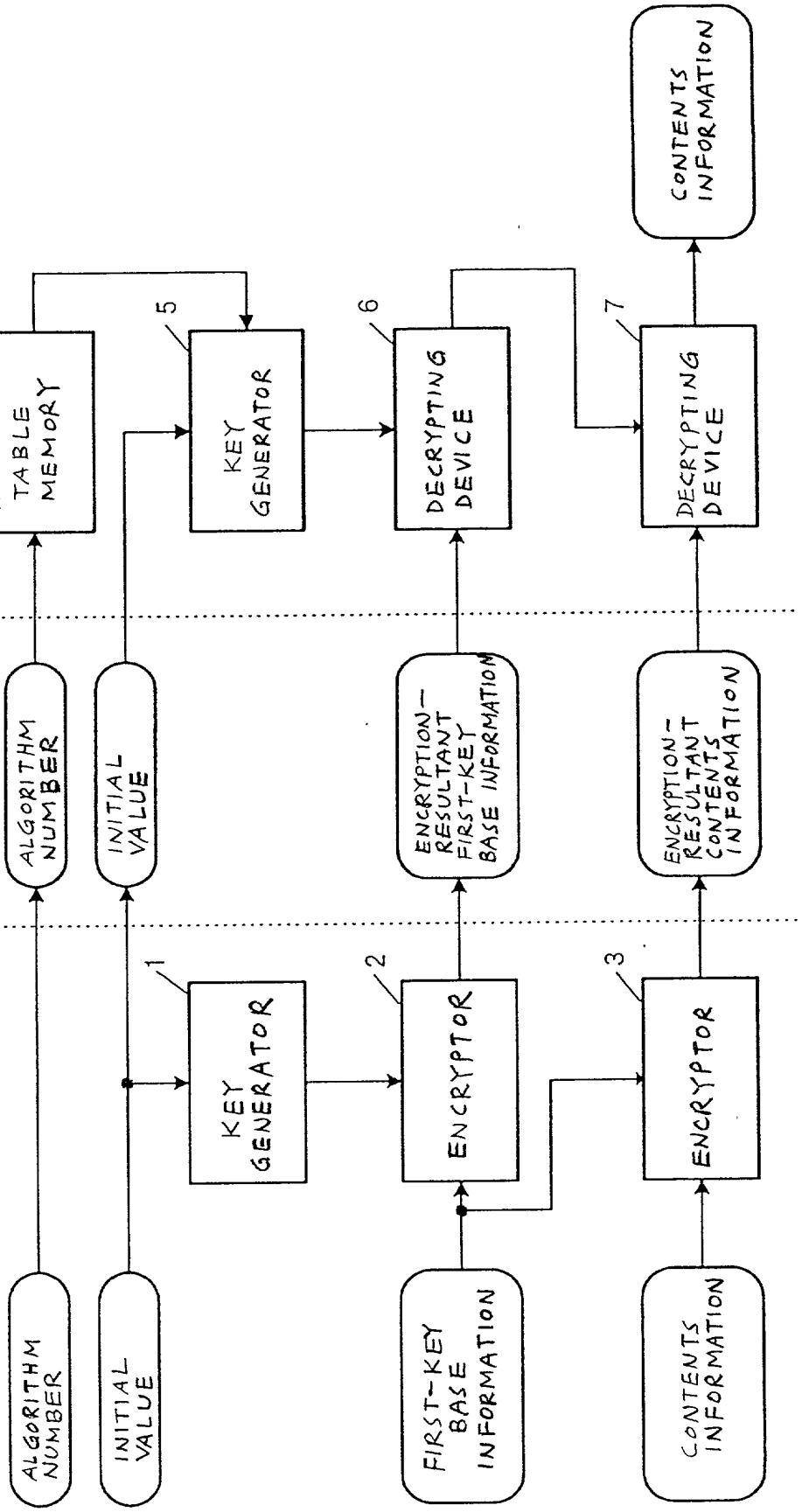

FIG. 2

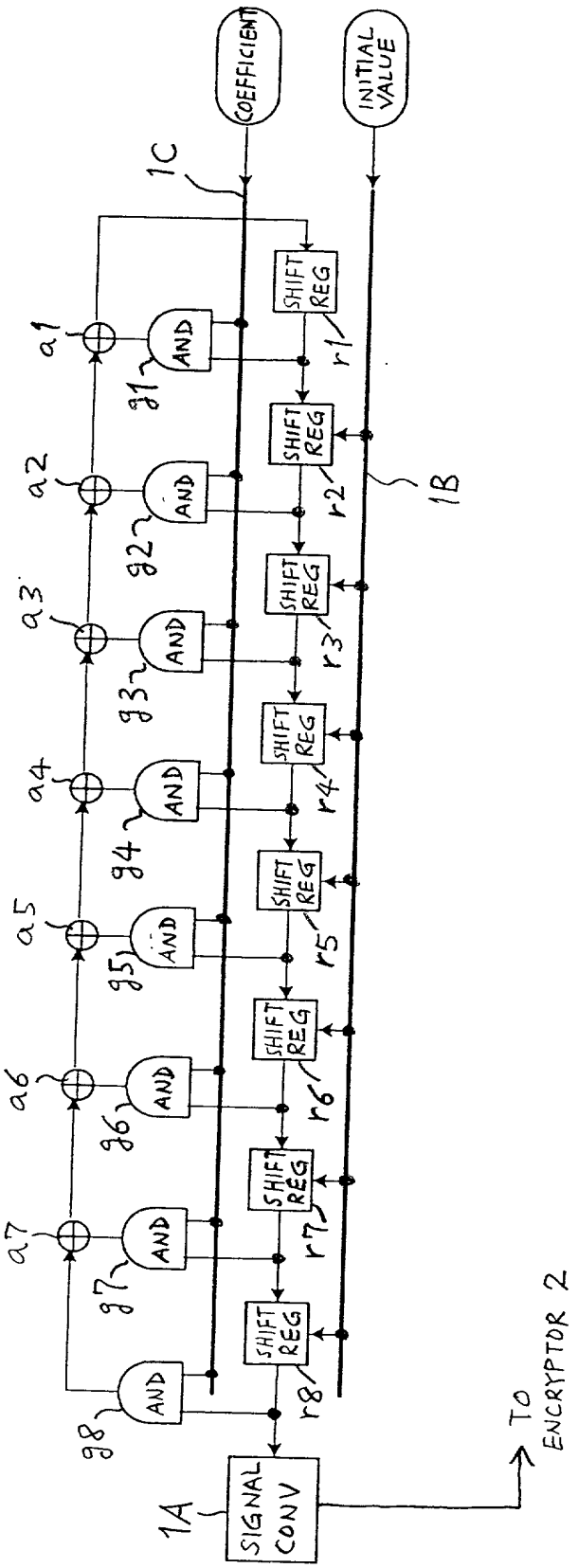
1
COEFFICIENT
INITIAL VALUE
1C
1B
1A
SIGNAL CONV
TO ENCRYPTOR 2
a1
a2
a3
a4
a5
a6
a7
g1
g2
g3
g4
g5
g6
g7
g8
AND
SHIFT REG
r1
r2
r3
r4
r5
r6
r7
r8

FIG. 3

ALGORITHM ID NUMBER	COEFFICIENT	PRIMITIVE POLYNOMIAL
0	(1, 1, 0, 0, 0, 0, 1, 1)	$x^8 + x^7 + x^2 + x + 1$
1	(1, 0, 0, 0, 1, 1, 1, 0)	$x^8 + x^4 + x^3 + x^2 + 1$
2	(1, 0, 1, 1, 0, 1, 0, 0)	$x^8 + x^6 + x^5 + x^3 + 1$
3	(1, 1, 1, 1, 0, 0, 1, 1)	$x^8 + x^7 + x^6 + x^5 + x^2 + x + 1$
4	(1, 0, 0, 1, 0, 1, 0, 1)	$x^8 + x^5 + x^3 + x + 1$
5	(1, 0, 1, 1, 0, 0, 1, 0)	$x^8 + x^6 + x^5 + x^2 + 1$
6	(1, 0, 1, 1, 0, 0, 0, 1)	$x^8 + x^6 + x^5 + x + 1$
7	(1, 0, 1, 0, 1, 1, 1, 1)	$x^8 + x^6 + x^4 + x^3 + x^2 + x + 1$